

4.2.E. 06010201180.

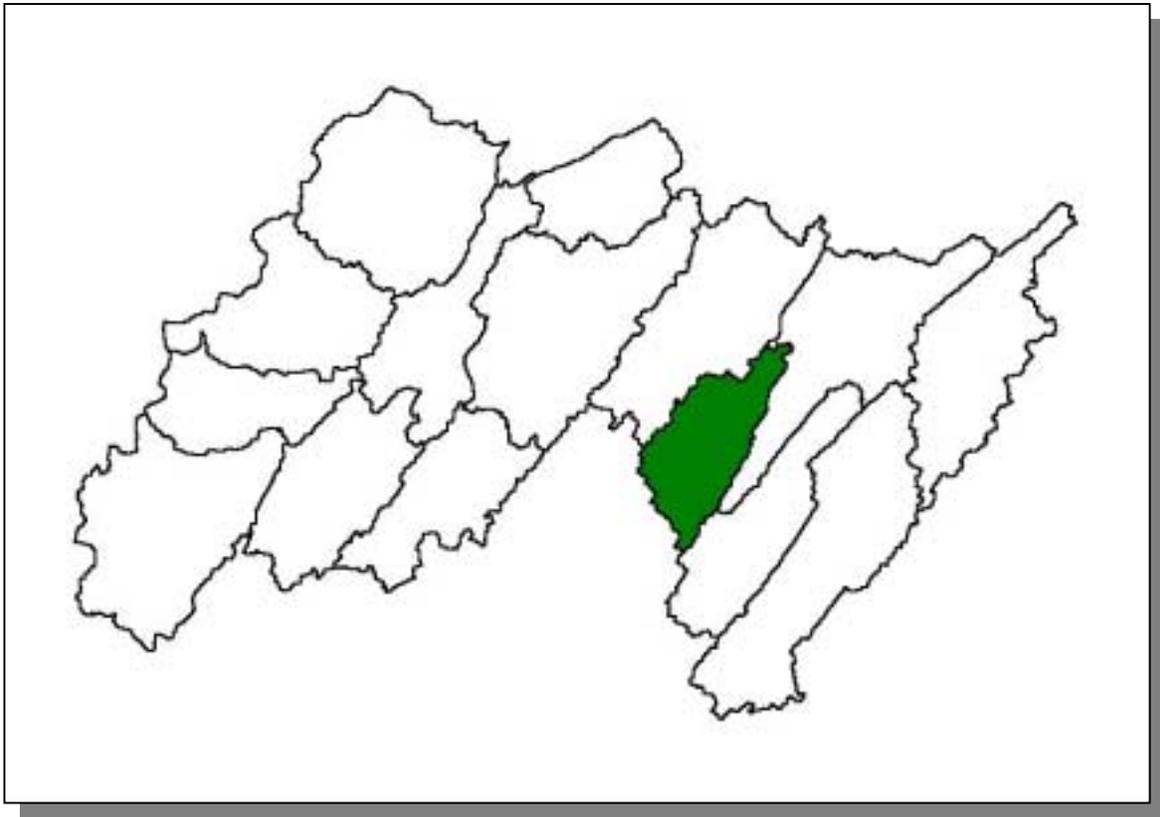


Figure 4-24. Location of Subwatershed 06010201180. All Watts Bar HUC-14 subwatershed boundaries are shown for reference.

4.2.E.i. General Description.

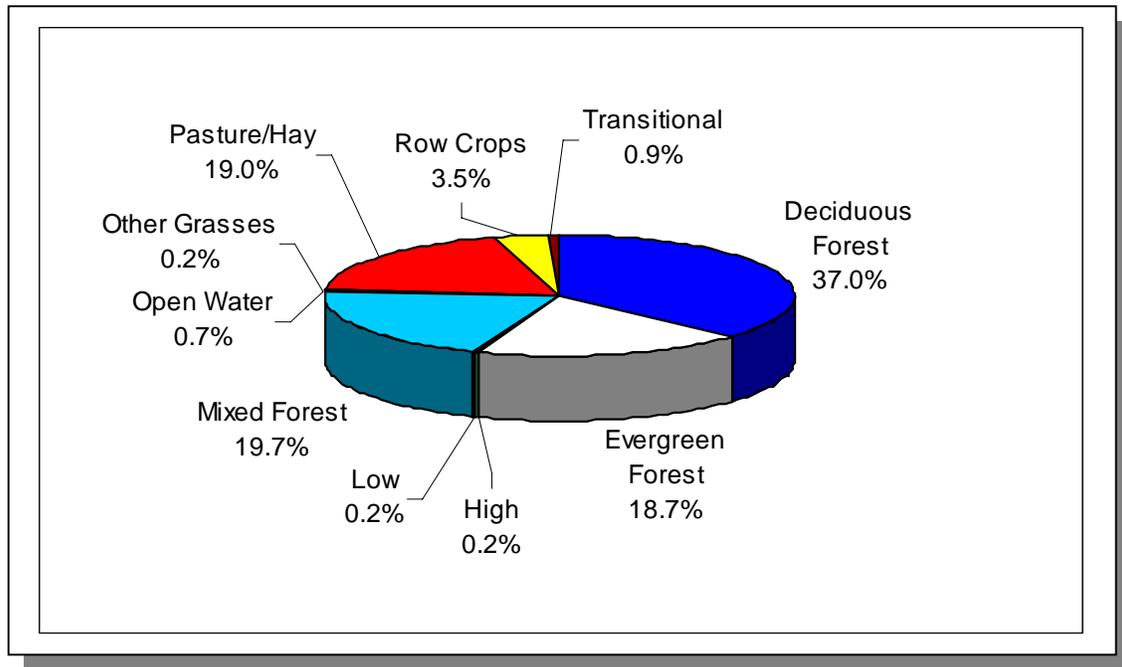


Figure 4-25. Land Use Distribution in Subwatershed 06010201180. More information is provided in Watts Bar-Appendix IV.

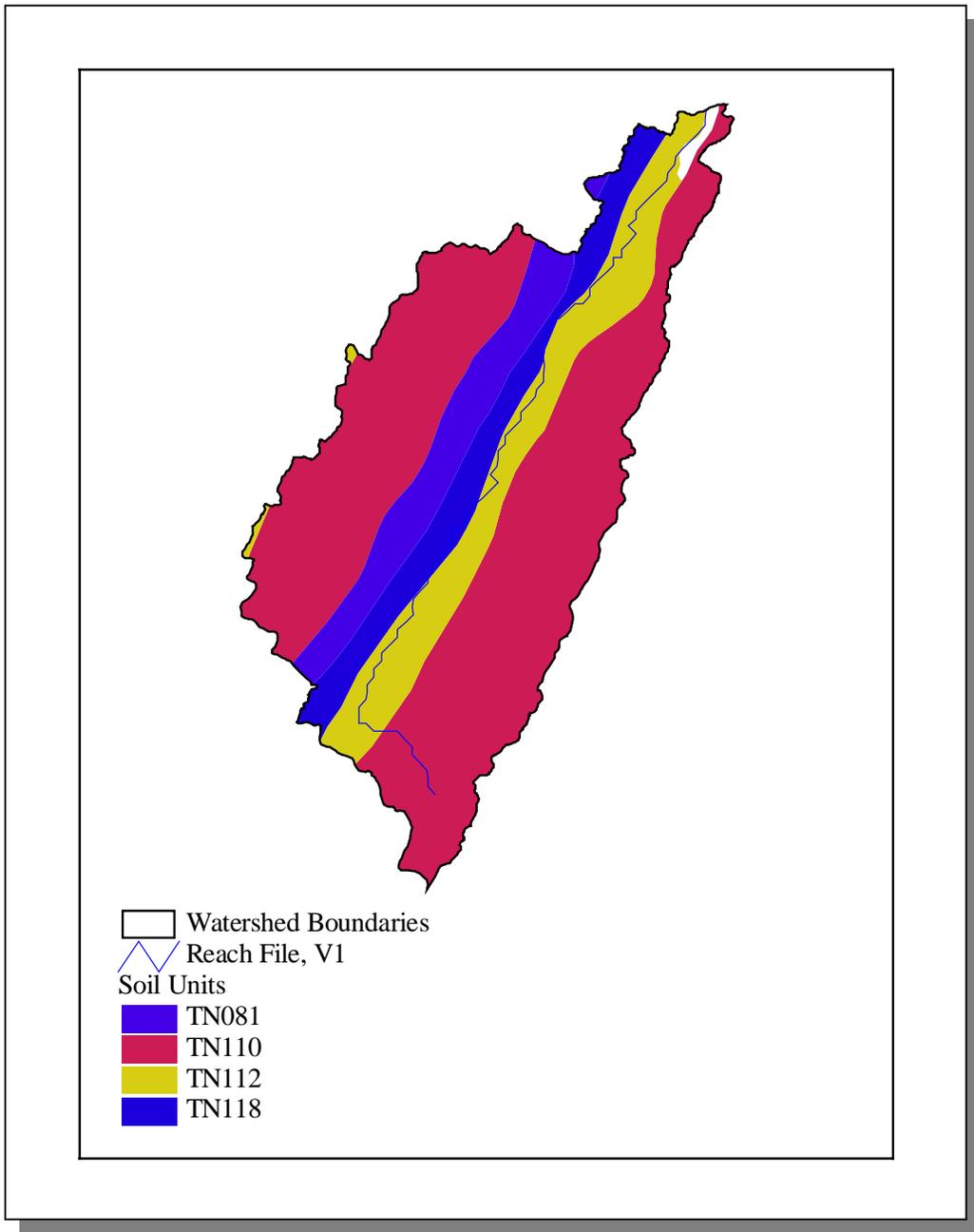


Figure 4-26. STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 06010201180.

STATSGO MAP UNIT ID	PERCENT HYDRIC	HYDROLOGIC GROUP	PERMEABILITY (in/hour)	SOIL pH	ESTIMATE SOIL TEXTURE	SOIL ERODIBILITY
TN081	2.0	C	1.41	5.48	Silty Loam	0.35
TN110	0.0	B	2.22	4.96	Loam	0.31
TN112	2.0	C	2.36	5.09	Loam	0.35
TN118	0.0	C	6.52	5.12	Loam	0.29

Table 4-32. Soil Characteristics by STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 06010201180. More information is provided in Watts Bar-Appendix IV.

County	County Population		Portion of Watershed (%)	Estimated Population in Watershed		% Change
	1990	1997 Est.		1990	1997	
Loudon	31,255	38,245	2.43	759	929	22.4
McMinn	42,383	46,000	0.03	11	12	9.1
Roane	47,227	49,885	6.11	2,884	3,047	5.7
Totals	120,865	134,130		3,654	3,988	9.1

Table 4-33. Population Estimates in Subwatershed 06010201180.

4.2.E.ii. Point Source Contributions.

No Contributions.

4.2.E.iii. Nonpoint Source Contributions.

LIVESTOCK (COUNTS)						
Beef Cow	Cattle	Milk Cow	Chickens	Chickens Sold	Hogs	Sheep
898	1,861	135	<5	4,111	16	21

Table 4-34. Summary of Livestock Count Estimates in Subwatershed 06010201180. According to the Census of Agriculture, "Cattle" includes heifers, heifer calves, steers, bulls and bull calves.

County	INVENTORY		REMOVAL RATE	
	Forest Land (thousand acres)	Timber Land (thousand acres)	Growing Stock (million cubic feet)	Sawtimber (million board feet)
Loudon	62.3	62.3	1.1	3.5
Roane	153.1	153.1	1.7	5.1
Total	215.4	215.4	2.8	8.6

Table 4-35. Forest Acreage and Annual Removal Rates (1987-1994) in Subwatershed 06010201180.

CROP	TONS/ACRE/YEAR
Non Agricultural Land Use	0.00
Legume Grass (Hayland)	0.40
Grass (Pastureland)	2.12
Legume (Pastureland)	0.23
Grass, Forbs, Legumes (Mixed Pasture)	0.49
Forest Land (Not Grazed)	0.00
Farmsteads and Ranch Headquarters	1.29
Corn (Row Crops)	3.12
Tobacco (Row Crops)	3.02
Grass (Hayland)	0.85
Legume (Hayland)	0.77
Forest Land (Grazed)	0.00
Wheat (Close Grown Cropland)	2.79

Table 4-36. Annual Estimated Soil Loss in Subwatershed 06010201180.